Surface Mount Aluminum Electrolytic Capacitors

RoHS

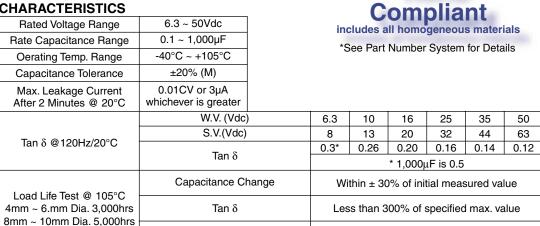
Less than specified max. value

NACC Series

FEATURES

- CYLINDRICAL V-CHIP CONSTRUCTION FOR SURFACE MOUNTING
- HIGH TEMPERATURE, EXTEND LIFE (5000 HOURS @ 105°C)
- 4X6.1mm ~ 10X10.5mm CASE SIZES
- DESIGNED FOR REFLOW SOLDERING

CHARACTERISTICS



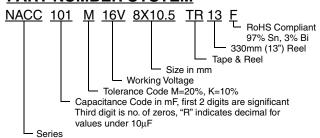
Leakage Current



MAXIMUM PERMISSIBLE RIPPLE CURRENT (mA rms @ 120Hz AND 105°C)

•							
Сар	Working Voltage (Vdc)						
(μ F)	6.3	10	16	25	35	50	
0.1	-		- - - - - - - 28	-	- - - - - - 15 28 55	1.0 2.6 3.2 5.0 10 16	
0.22	-			ı			
0.33	-			-			
0.47	-			-			
1.0				-			
2.2	-			ı			
3.3				- - -			
4.7						23	
10						35 49	
22							
33		43	ı	65	57	91	
47		ı	70	65	-	100	
100	71	1	81	130	-	160	
220	101	160	ı		220	-	
330	230	ı	ı	238		-	
470	-	i	340	ı	ı	-	
1000	313	-	-	-	-	-	

PART NUMBER SYSTEM



PRECAUTIONS

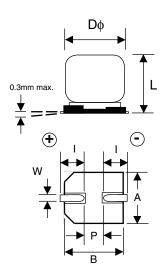
Please review the notes on correct use, safety and precautions found on pages T10 & T11 of NIC's Electrolytic Capacitor catalog. Also found at www.niccomp.com/precautions

If in doubt or uncertainty, please review your specific application - process details with NIC's technical support personnel: tpmg@niccomp.com



STANDARD PRODUCTS AND CASE SIZE TABLE D x L (mm)

Cap (μF)	Code	Working Voltage (Vdc)						
		6.3	10	16	25	35	50	
0.1	R10	-	-	-	-	-	4X6.1	
0.22	R22	-	-	-	-	-	4X6.1	
0.33	R33	-	ı	-	-	ı	4X6.1	
0.47	R47	-	ı	-	-	-	4X6.1	
1.0	1R0	-	ı	-	-		4X6.1	
2.2	2R2	-	1	-			4X6.1	
3.3	3R3	-	-	-	-	-	4X6.1	
4.7	4R7	-	-	-	-	4X6.1	5X6.1	
10	100	00 -		4X6.1	-	5X6.1	6.3X6.1	
22	220	4X6.1	1	5X6.1	-	6.3X6.1	6.3X8	
33	330	-	5X6.1	-	6.3X6.1	6.3X8	8X10.5	
47	470	5X6.1	-	6.3X6.1	6.3X8	-	8X10.5	
100	101	6.3X6.1	-	6.3X8	8X10.5	-	10X10.5	
220	221	6.3X8	8X10.5	-	-	10X10.5	-	
330	331	8X10.5	-	-	10X10.5	-	-	
470	471	-	-	10X10.5	-	-	-	
1000	102	10X10.5	-	-	-	-	-	



DIMENSIONS D x L (mm)

,							
Case Size	φD	L max.	A ± 0.2	B ± 0.2	I ± 0.2	W	P ± 0.2
4x6.1	4.0	6.1	4.3	4.3	1.8	0.5 ~ 0.8	1.0
5x6.1	5.0	6.1	5.3	5.3	2.2	0.5 ~ 0.8	1.5
6.3x6.1	6.3	6.1	6.6	6.6	2.6	0.5 ~ 0.8	1.8
6.3x8	6.3	8.0	6.6	6.6	2.6	0.5 ~ 0.8	1.8
8x10.5	8.0	10.5	8.3	8.3	3.4	0.7 ~ 1.1	3.1
10x10.5	10	10.5	10.3	10.3	3.5	0.7 ~ 1.1	4.6

